

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-6 (Canceled).

Claim 7 (New): A green light-emitting phosphor for a display, comprising a manganese-activated zinc silicate phosphor and being excited by an electron beam whose acceleration voltage is 15 kV or less to emit green light,

wherein the manganese-activated zinc silicate phosphor is composed of particles having an average particle size of 1.0 to 2.0 μm .

Claim 8 (New): The green light-emitting phosphor for a display as set forth in claim 7, wherein a 50%D value of a particle size distribution that a weight-integrated distribution of a particle size of the manganese-activated zinc silicate phosphor is 50%, is 2.0 to 3.0 μm .

Claim 9 (New): The green light-emitting phosphor for a display as set forth in claim 8, wherein a ratio of the 50%D value of the particle size distribution and the average particle size of the manganese-activated zinc silicate phosphor is 1.0 to 2.0.

Claim 10 (New): The green light-emitting phosphor for a display as set forth in claim 7, wherein the manganese-activated zinc silicate phosphor has an afterglow time of 8 ms or less.

Claim 11 (New): A field-emission display, comprising:
a phosphor layer including a blue light-emitting phosphor layer, a green light-emitting phosphor layer and a red light-emitting phosphor layer;

an electron emitting source which emits an electron beam having an acceleration voltage of 15 kV or less onto the phosphor layer to make it to emit light; and

an envelope which vacuum-seals the electron emitting source and the phosphor layer, wherein the green light-emitting phosphor layer includes the green light-emitting phosphor for a display as set forth in claim 7.

Claim 12 (New): The field-emission display as set forth in claim 11, wherein the green light-emitting phosphor layer has a thickness of 1 to 10 μm .

Claim 13 (New): The green light-emitting phosphor for a display as set forth in claim 8, wherein the manganese-activated zinc silicate phosphor has an afterglow time of 8 ms or less.

Claim 14 (New): The green light-emitting phosphor for a display as set forth in claim 9, wherein the manganese-activated zinc silicate phosphor has an afterglow time of 8 ms or less.

Claim 15 (New): A field-emission display, comprising:
a phosphor layer including a blue light-emitting phosphor layer, a green light-emitting phosphor layer and a red light-emitting phosphor layer;
an electron emitting source which emits an electron beam having an acceleration voltage of 15 kV or less onto the phosphor layer to make it to emit light; and
an envelope which vacuum-seals the electron emitting source and the phosphor layer, wherein the green light-emitting phosphor layer includes the green light-emitting phosphor for a display as set forth in claim 8.

Claim 16 (New): A field-emission display, comprising:

a phosphor layer including a blue light-emitting phosphor layer, a green light-emitting phosphor layer and a red light-emitting phosphor layer;

an electron emitting source which emits an electron beam having an acceleration voltage of 15 kV or less onto the phosphor layer to make it to emit light; and

an envelope which vacuum-seals the electron emitting source and the phosphor layer, wherein the green light-emitting phosphor layer includes the green light-emitting phosphor for a display as set forth in claim 9.

Claim 17 (New): A field-emission display, comprising:

a phosphor layer including a blue light-emitting phosphor layer, a green light-emitting phosphor layer and a red light-emitting phosphor layer;

an electron emitting source which emits an electron beam having an acceleration voltage of 15 kV or less onto the phosphor layer to make it to emit light; and

an envelope which vacuum-seals the electron emitting source and the phosphor layer, wherein the green light-emitting phosphor layer includes the green light-emitting phosphor for a display as set forth in claim 10.